

| PO No | Supplier | Line Item No | Rel | Terms | Purchased Item | Description | For Part No | Project | Equipment ID | Order Qty | Due Date | Received Quantity | Accounting Job No | Serial No | Status | Receive Date | Price/Unit | Aging Days | Past Due | Total | Supplie Name |
|---------|---------------|--------------------|-----|--------|------------------------|-------------|-------------------|---------|-----------------|--------------|-------------|----------------------|----------------------|--------------|--------|-----------------|---------------|---------------|-------------|--------|---------------------------|
| 0038639 | AC1001- VC | | 1 | Net 30 | M17-4- B0.250X4.000 | 17-4 Bar | | > | | 36 | 12/29/2017 | 37 | | \$029859 | Stock | 12/22/2017 | \$ 25.17 / ft | 177 | | | Acier Ouellett Inc. |
| | | | | | | | | | Total: | 36 | | 37 | | | | | | | \$7 | 752.29 | |

Plex 1/8/2018 8:53 AM Dart Plouffe. Sonia

Status: Receiving
Part: M17-4-B0.250X4.(
Created: 1/8/18 8:51 AM DART.PLOUFFE.SON
Serial No: S029859

| | Prepared By : Verified By : Deli | Conditions: All sold and delivered materials remain the property of "Acier Overlette Inc." is the same as offered and honored by the following conditions: Net 30 days from billing date and the buye respect with this contract will lead to payment by acceleration a within five (5) days with this document enclosed. Any merchanc a 25% restocking charge. | | | | 3 X 12' R/L AC12250-JG-21/12 | 1 FLAT SS 1/4 X 4 17-4 PH HRAP SOL ANN RANDOM NS PSS-144174PH-V 8746 | 1 | Instruction F-M | | 1270 , ABERDEEN ST. HAWKESBURY, Ontario, K6A 1K7 | DART AEROSPACE LTD | | | ODELLE |
|----------------------|----------------------------------|---|---|----|----------|---------------------------------|---|----------------|------------------|---|---|--------------------|------------------|---|---|
| | Delivered By : Time | uellette Inc" until payment is e manufacturer and his warra er accepts to pay administrat nd permits to the seller, at h lise that has been damaged, | , | | | | N RANDOM NS | | D | A | , | S | | | Mc. |
| Customer's Signature | | All sold and delivered materials remain the property of "Acier Ouellette Inc." until payment is made in full, complete and cashed. All lost materials are at the buyer's expense. The warranty offered by "Acier Ouellette Inc." is the same as offered and honored by the manufacturer and his warranty is transferred by "Acier Ouellette Inc." to the client. The buyer hereby accepts to respect the following conditions: Net 30 days from billing date and the buyer accepts to pay administration charges of 2% per month (24% per annum) on all past due amounts over 30 days. Any default in within five (5) days with this document enclosed. Any merchandise that has been damaged, cut or modified cannot be returned. All goods returned must be with our authorization and are subject to | | | | | 122.40 36.00 PI_\$CLB | Weight Qty U/M | Delivery Route 5 | Att : CHANTAL LAVOIE Tél.: 613-632-5200 | , Ontario, | Shipped to | 7424-000-450-454 | Tél.: 450-377-4248 Mtl: 514-336-4248 Ext.: 800-667-4248 | 935, Boul. du Hâvre Salaberry de Valleyfield (Ouébec) 165 51 1 |
| Date | - × | NIR: R-109516-6 se. The warranty offered by cepts to respect the r 30 days. Any default in All claims must be made horization and are subject to | | 96 | | SX12'6. | // 3 | PCS NB | Page | Credit Terme | Salesman Carrier | Processed by | | | Customer No |
| | Total (\$CAD) | | | | <u>\</u> | | IN I S C OUT | Internal U | ⊢ i | Net 30 Days | OUELLETTE VALLEYFIELD | Josianne Bourdon | 2017/12/22 | 2017/12/13 | CLI0001056 |



Dart Aerospace Ltd. 1270 Aberdeen St Hawkesbury, ON K6A 1K7 Canada

PURCHASE ORDER PO038639

Tel (613) 632-5200

Supplier: ACI001-VC

> Acier Ouellette Inc. 935 Boul, Du Havre

Valleyfield QC

J6S 5L1 Canada Phone: 800 667 4248 Fax: 450 377 5696

PO No:

PO038639

PO Date:

12/13/17

Due Date:

12/29/17

Purchase Order Revision:

Revision Date:

Ship-To Contact:

Lavoie, ChantalPhone:

clavoie@dartaero.com

Ship To:

1270 Aberdeen Street

Hawkesbury

ON

K6A 1K7 Canada Phone: 613-632-5200 Via:

Ground

Pymt Terms:

Net 30

Freight Terms:

Special Comments: QUOTE # SOU0076748

Items

| Line Item | Part | Description | Status | Due Date | Order Quantity | Received Quantity | Balance | Unit Price (CAD) | Extended Price |
|--------------|--------------|---|--------|-------------|----------------|-------------------|--------------|---------------------|-------------------|
| 1 | B0.250X4.000 | 17-4 Bar 0.250" X 4.000" : MATERIAL: 17-4 PH SS BAR AS PER AMS 5604/5643 GRAIN MUST BE ALONG LENGHT OF BAR MIN. YIELD TENSILE STRENGTH = 100 KSI MIN. ULTIMATE TENSILE STRENGTH = 150 KSI | Firmed | 12/29/17 | 36 ft | 0 ft QCU 3 | 36 ft 7.1 | \$25.16666/ft | \$906.00 |

Grand Total: \$906.00

Order Notes

Procurement Quality Clauses

A005 right of entry

A012 chemical and physical test report

A016 personnel qualification

A017 raw material identification (as applicable)

A026 certification of material conformance

A041 quality management system

A042 dart notification by supplier

A043 retention of quality documents

A048 counterfeit parts avoidance, detection, mitigation and disposition program

A049 supplier awareness

Terms & Condition of Purchasing(Suppliers) and Procurement Quality Clauses are an integral part of our AS9100 requirements. To learn in detail, please visit www.dartaerospace.com for further explanation.

Plex 12/13/17 11:50 AM dart.lavoie.chantal

| - | | |
|---------|------|--|
| Park | | |
| 1110115 | 0000 | |

| Cuetomer N° | 1001269 001511-511E | 8 | ACI 935, E Salab Tél: 4 Fax: 4 | ACIER OUELLETTE INC. 935, Boul. du Hâvre Salaberry de Valleyfield (Québec) 165 5L1 Tél.: 450-377-4248 Mti: 514-336-4248 Edc.: 800-667-4248 Fax: 450-377-5696 Mti: 514-336-4246 Ext.: 866-456-4242 | E INC. (Québec) 16 514-336-42 514-336-42 | S 51.1 48 Ext.: 800. 46 Ext.: 866- | 667-4248 456-4242 | |
|--|---|------|--|---|---|--|----------------------|--------|
| Customer N° | 4 | | Quot | ation | | | SOUG | 076748 |
| Prices valid until 2017/12/20 | DART AEROSPACE LTD | - | Custome | ır No | CL100010 | 56 | | |
| Prices valid until 2017/12/20 | 1270 ABFRIDEEN ST | | Date | | 2017/12/ | 13 | | |
| Prices valid until 2017/12/20 Your Order No Processed by BERNARD Salesman JOSIANNE Carrier OUELLE SDV Credit Terms Net 30 Days Page J 3.00 UN | HAWKESBURY, Ontario, KGA 1K7 | | Revision | N° | 0 | | | |
| Processed by ServanD BERNARD Salesman JOSJANNE Carrier OUBLIE SDV Gredit Terms Net 30 Days Page 1 3.00 UN 3.00 UN 3.00 ON \$ 3.00 UN 3.00 ON \$ 3.00 UN 3.00 ON * 3.00 UN 3.00 ON * 3.00 UN 3.00 ON * 3.00 UN 3.00 ON | | | Prices va | lid until | 2017/12 | //20 | | |
| Salesman JOSIANNE Carrier OUELLE SDV Gredit Terms Net 30 Days Page 1 3.00 UN 3.00 | nipped to | | Your Ord | er No | | | | |
| Salesman JOSJANNE Carrier OUELLE SDV Gredit Terms Net 30 Days Page 1 3.00 UN 3.00 | Section 2 | - | Processe | d by | BERNARD | | | |
| Cedit Terms Net 30 Days Page 1 Qty U/M Qty U/M Price Pcs Nb Price 3.00 UN 3.0 | , Unitarito, | | Salesmai | _ | JOSIANNE | | | |
| ### Action Credit Terms Net 30 Days Page 1 | W. CHANTAL SAVORE TO | | Carrier | | OUELLES | NOS | | |
| 3.00 UN 3.00 UN 3.00 Price Pcs Nb Price 3.00 302.000 3.00 UN 3.00 | | | Credit Te | rms | Net 30 Day | 8 | | |
| 3.00 UN 3.00 UN 3.00 Brice 3.00 302.000 3.00 UN 3. | | + | | | - | | | |
| 3.00 UN 3.00 UN 3.00 302.000 \$ | and describation | + | 'n | | | Pcs Nb | Price | Amour |
| revised upon Sub-total 909.9 | Z | | | 3.00 UN | | 3.00 | 302,000 | 906.00 |
| revised upon Sub-total 909.9 | SAIZ WL 7-10 DAYS | | | | | | | |
| Frevised upon Sub-total | | | | | | | | |
| Sub-total TVH-13 · · 1 | | | | | | | | |
| Frevised upon Sub-total TVH-13 · · 1 | Total Weight (Lbs) | - 00 | | | | | | |
| TVH-13 · · 1 | offer is based on availability and current pricing conditions that Nibel of different pricing conditions that | | rised upon | | Sr. | lab-total | | 909.95 |
| | Catacofficie evolgique en communication prix de l'ader sur le marché. Approuved and Accepted by : | | į | | | | TVH-13 | 118.29 |

1 028.24

Total (\$CAD)



| 0015[1]51715. | ACIER OUELLETTE INC. 935, Boul, du Hâvre Salaberry de Valleyfield (Ouébec) 165 51 1 | TE INC. | Order - | | Sales | | | Copy | A | CO00066948 |
|---|--|--|--|--|--------|-------------|---------------|-----------------------|---------|------------|
| | Tél.: 450-377-4248 MI Fax: 450-377-5696 Mt | Tél.: 450-377-4248 MU: 514-336-4248 Ext.: 800-667-4248 Fax: 450-377-5696 Mt: 514-336-4246 Ext.: 866-456-4242 | 00-667-4248 66-456-4242 | Date | er N | | 2017/ | 2017/12/13 | | |
| | | | | Delivery date | y date | | 201 | 2017/12/22 | 2 | |
| Billed to | | | | Your order No | der No | | 38639 | • | | |
| ROSPACE LTD | Snipped to | | | Processed by | ed by | | Josiar | Josianne Bourdon | fon | |
| 1270, ABERDEEN ST. | Ontario | | | Salesman | ne | | | | | |
| HAWKESBURY, Ontario, K6A 1K7 | | | | Carrier | | | OUEL | OUELLETTE VALLEYFIELD | LEYEI | ELD |
| | Att : CHANTAL LAVOIE | IE Tél.: 613-632-5200 | 00 | Credit Terme | erme | | Net 3 | Net 30 Days | | |
| | Delivery Route | 5 | | Page | | | - | | | |
| Product Description | Weight | Qty | M/U | | 곮 | \parallel | | Internal Use Only | l Use (| Only |
| 1 FLAT SS 1/4 X 4 17-4 PH HRAP SOL ANN RANDOM NS FSS-144174PH-V 8746 | 122.40 | 36.00 PJ | PI_\$CLB 3 | 3.00 | E X | 8/0 | Z | - | C | OUT |
| 3 X 12' R/L AC12250-JG-21/12 | | | | | | | | | | |
| SURCHARGE ENERGETTQUE | The second secon | | * | 0.00 | | | | | | |
| | | | | | | | | | | |
| | | | | | | | | | | |
| All soid and delivered materials remain the property of "Acier Quellette Inc." until payment is made in full, complete and cashed. All lost materials are at the buyer's expense. The warranty offered by following conditions: Net 30 days from billing date and the buyer accepts to pay admitistration changes of 2% per month (24% per annum) on all past due amounts over 30 days. An default in respect with this contract will lead to payment by acceleration and permits to the seller, at his choice to dain for the balance due or the repossession of the goods sold. All dains must be made within five (5) days with this document accepts an acceptance of the processession of the goods sold. All dains must be made | Total Weight (LBS): 1 122.40 ns is made in full, complete and cashed. All lost maternally is transferred by "sicer Oueledte Inc." to the radiation charges of 2% per month (24% per annum) at his choice to claim for the balance due or the right | 35):1 122.40 ashod. All lost materials are at the bueletet. Inc." to the client. The local for 1/24% per annum) on all past do not due or the repossession of the control of the repossession of the repossess | NIR Ne buyer's expense. The buyer hereby accepts to live amounts over 30 dan the goods sold. All claim | NIR: R-109516-6 se. The warranty offered b cepts to respect the r 30 days. Any default in litedains must be made | .6-6 | - | | - | | |
| Prepared By : Verified By : Delivered By : To | Time Cust | Customer's Signature | | 3 | D | | Total (\$CAD) | \$CAD) | | 1 028.24 |
| | | | | | | | | | | |



Acciaierie Valbruna s,,A.

30275

36100 VCENZA (mata) - Visie delle scienze, 25 z.l. Telebro 0444.988211 - Fax 0444.983938 Steb.: 39100 BOLZANO (tells) - Vis A. Votts, 4/37 Telefono 0471,924111 - Fax 0471,924497

CERTIFICATO DI COLLAUDO - ABNAHMEPRUEFZEUGNIS - INSPECTION CERTIFICATE - CERTIFICAT DE RECEPTION

in conformità a: EN 10204 (2004), 3.1 / ISO 10474 (2013), 3.1

Certifications. MEST096432 / 2017 /

VALBRUNA STAINLESS INC. 2400 TAYLOR STREET WEST 45001 - FORT WAYNE, IN 46801 - US

Stato di fomitura : Delivery state

Hat rolled Descaled COND. A Hot

Produtiore:

ACCIAIERIE VALBRUNA 8.P.A.

Ordine nr. 52469 STOCK CAROL STR

Conforms ordine nr. El17000526

Avviso di Spedizione: D-VI17019383

Tipo di Eleborazione: E+AOD

630

Marchi di Pabbrica:

MR

Marca; Sin-ferriospieles Daniel / Nations

halidyanyan / Holas / Holas

V174

Punzoneture: 630

SPECIFICHE:

VSI FLAT 2. 630 A AISI 630 AMS 2303 F.

AMS 5843 U S17400 A AMS-H-6876 B NOVEMBER 2010 ASME SA584 2015 817400 A (0)

ASTM A370 2017 . ASTM A584 2013 617400 A ASTM F889 2012 630

(U)SECTION II PTA 2018 EDITION

Tolloranza: ASTM A484-16 TABLE 5 Dimensioni - In Lunghazza - In Peso-LB Letto nr. 100 0050 Flat 4,0000 x 0,2500 144/ 153 268919 2.083 611710720

| | Test | on della | 10 con | dition Propher | g auf Hoferbereit | TALLO STAT | est a febri | RNITURA de fourniture | Pryshe | obre of muta | fal ast come entreg | edo | |
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| TEST | Provetty Persons Supplemental Language Space September Space September Space September Space September Space September Space S | 44 | | Snervamento Tel Brown | | | Allung | emento mento | | zione m d'am | Resilienza services services famous | | HO |
| *** | ri richiesti | m | iln ax | • | - | - | - | - | • | - | - | | 363 |
| A | | | | | | | | | | | | 348 | |

| | 1 1 1 | | | | <u> </u> |
|--------|---|-----------------------------------|-------------------|------------------|-------------------------|
| | | TEST ALLO STATO DI FO | RNITURA | | |
| Test o | n dailvery condition / Prilature suf defert | pereltern produkt / Yest a Febrit | le foumbure / Pru | aba actora el ma | ledel sel come entregal |
| TEST | | | min | max | |
| A | Delta Ferrite | | | 5,0 | 0.5 % |
| A | Grain size for ASTM E112 | | | | 8 |
| A | RATINGS FREQUENCY | | 1 | 1,10 | 0 |
| A | RATINGS SEVERITY | | | 1.05 | |

| | | 7 |
|-----------------------|---|-----------------|
| Vicenza, 03/07/17 | R melleuthetere ell miskillemente / der Wertessettvorwijspilge / Wertes Inspector / L'agent s'unive | |
| VCCCCOB - MESTOSPACS2 | M.RIZZOTON FUNC | Pagins - 1 di 3 |
| (Mod. MCE7) | Milital OT Jak | |



Acciaierie Valbruna S.P.A.

36100 VICEIAZA (tielle) - Visite della scienza, 25 z.1. Telefono 0444,983211 - Fax 0444,983530 Stab.: 38100 BOLZANO (lisite) - Vita A. Volte, 4/37 Yafefono 0471,924111 - Fax 0471,924487

CERTIFICATO DI COLLAUDO - ABNAHMEPRUEFZEUGNIS - INSPECTION CERTIFICATE - CERTIFICAT DE RECEPTION

In contionmittà a: EN 10204 (2004) , 3.1 / ISO 10474 (2013) , 3.1

Certificato nr. MESY098432 / 2017 /

VALBRUNA STAINLESS INC. 2400 TAYLOR STREET WEST 46601 - FORT WAYNE, IN 46601 - US Stato di fomiture :

Hot rolled Descaled COND, A Hot

ACCIAIERIE VALBRUNA S.P.A.

Ordine nr: 52489 STOCK CAROL STR

resione: E+AOD

630

V174

Merchi di Febbrica:

Conforms ordine nr. El17000526

Purmone del Colleudetore:

MR

Awres di Spedizione: D-VI17019383

Punconature: 630

| | | | | | | | Sample | cond. Haco | | | | | | |
|-----------|----------|-------|----|--------------------|--------------------------------|-----------------|--------------|--|----------|---------|--------------------------|----------------------------|------------------------|---------------|
| Ipo Tratt | | = | | Antidemer Sorty | Permananan Hardow Person | Tipo Tortamento | Temporatura | Ratirackiameras Atmeteras Code Residences | 100 | 2000/23 | Tipo Trespersorio | Temperature Temperature | Refreddansy America | Permanenza |
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| B | 1 | 2,5 | 68 | L | 185 | | 202 | | 14 | | 53 | | 435 | 444 |

Mechanical properties according to ASTM A370.

Delta Ferrite according to AMS 2315.

| | | | | | Chair | An | alisi c | himic | а | | | | | | |
|-----------------------------------|--------------|----------------|--------------|---------------|--------------|--------------|--------------|---------------|--------------|-------|-------|----------------|---|---|----|
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| 268919 | C % 0,033 | S1 % 0,38 | Mn % 0,53 | Cr % 15,09 | Mo % 0,19 | Cu % 3,34 | NI % 4,57 | Co % 0,057 | P % 0,024 | S% | N % | Ta % 0,0005 | | | |
| MAIN ANNI | # A180 | - 1 | 600 | 0 | | : | | E | | | 1 | 0,0000 | F | _ | F |
| 208919 | NB | %+Ta% 0,271 | | Cb(Nt | | | | | | | | | İ | | |

Material setution annealed 1904°F for 1 h , eli-ceofed to below 90°F.

Micro and macro etch test; satisfactory.
Produced without class I-II Ozone depleting substances.
Macrocich test per ASTM E340; acceptable.
Furnace cellbrated according to AMS-H-5875.
Pyrometry in accordance with AMS2760.
Reduction ratio = 49.8: 1
Material is DFARS Compliant

Song state suddistinite tatte te condition! richlasts the proviet Artestate agen and E. Artege origin material for bean provided in saturdance with the requirements to material of the bean conform our autoreuse.

Controllo antimesopiorum: OK

Controllo visivo e dimensionale; soddisfe le esigueza 9:70 and Australia epochen sod Gime visual st direction

Vicenza, 03/07/17 VC0006 - MEST006432 (Hod. MCH2) -

M.RIZZOTTE C. Land

Pagina - 2 di 3



Acciaierie Valbruna S.P.A.

38100 VICENZA (finiin) - Viske della scienza, 25 z.l. Telatono 0444,866211 - Fax 0444,963836 Stab.; 38100 GOLZANO (tiple) - Vis A. Volla, 4/37 Telafono 0471,924111 - Fax 0471,924487

CERTIFICATO DI COLLAUDO - ABNAHMEPRUEFZEUGNIS - INSPECTION CERTIFICATE - CERTIFICAT DE RECEPTION

In conformità a: EN 10204 (2004), 3.1 / ISO 10474 (2013), 3.1

Certificato nr. MEST096432 / 2017 /

VALBRUNA STAINLESS INC. 2400 TAYLOR STREET WEST 46801 - FORT WAYNE, IN 46801 - US

Stato di fornitura :

Hot rolled Described COND. A Hot rolled

Produttore:

ACCIAIERIE VALBRUNA S.P.A.

Ordine nr. 52489 STOCK CAROL STR

Conferma ordino nr. El17000526

Applied Districts

Tipo di Elaborazione: E+AOD

630

Marchi di Fabbrica;

MR

Avviso di Spedizione: D-V/17019383

Puntormann: 630 Lines of

Method and menufactured in Italy

No welding or weld repair Material free from Marcury contamination

We declare that the Enland product is checked for redirective contempetion through Portal System when it leaves the production plant.

QUALITY MANAGEMENT BYSTEM CERTIFIED BY LLOYD'S REGISTER ACCORDING TO 180 9601; 2008, ISO/T016949; 2000, AS 01000

The Quality Management System is Cartified aco, Pressure Equipment Directive 197/23/ECT Annex 1,e.,4.3 and 2014/66/EU by TUEV and LLQYO'S Any set of tempering, modification, alteration, counterfailing and/or statisfaction end/or any other action which modifies the contents of this test certificate shall constitute a v of applicable civil and criminal laves. Accidingly Vetbrune shall protect its rights and interests before any composers count, surfactly and jurisdiction, Medical and/or Velptus grades/products are manufactured with ladie techniques to control composition, distribution, size and shape of non-metallic inclusions for improved

This supplied product conforms to requirements expressly requested by the purchaser and conforms to requirements specified by cartified norms and standards. Should the product be used for more severe, critical and/ or in stry case different applications then those the material is generally intended for, any different end/or supplementary requirements shall be specifically demanded, at least, upon order of the Product by the Purchaser. Accidente Valbruna GpA shall not be respondible for any Improper use of the

Vicenza, 03/07/17 VCQ008 - MILETTORH 32 (Mod. NICE2) -

Pagina - 3 dl 3

M.RIZZOTTO CONT

MATERIAL RECEIPT INSPECTION FORM

| MATERIAL: DATE: | M17-4-BO.230 JAN 0 9 2018 | 0x4.000 PO/BATCH NO.: 038639/8029859 |
|--|------------------------------|--|
| MATERIAL CERT REC'D: QUANTITY RECEIVED: | /e5 37'' | THICKNESS ORDERED: 0.250 THICKNESS RECEIVED: 8.230 |
| QUANTITY INSPECTED: QUANTITY REJECTED: | 371 | SHEET SIZE ORDERED: N/A SHEET SIZE RECEIVED: N/A |

| DESCRIPTION | (Ch | CR leck | COMMENTS |
|---|-----|------------|--------------|
| SURFACE DAMAGE | Υ/ | N) | |
| CORRECT FINISH | Y | N | |
| CORROSION | Y | (N) | |
| CORRECT GRAIN DIRECTION | (Y) | N | 1 / |
| CORRECT MATERIAL PER M-DRAWING | (Y) | N | ASTEM 564 |
| CORRECT THICKNESS | Y | N | 7 |
| PHOTO REQUIRED | Y | (1) | |
| CORRECT REF # TO LINK CERT | 8 | N | Hex + 268919 |
| CORRECT MATERIAL IDENTFICATION | 8 | N | |
| CORRECT M# ON THE MATERIAL | (8) | N | |
| DOES THIS MATERIAL REQUIRE ENGINEERING SIGN OFF | Y | (A) | |
| DOES THIS REQUIRE AN EXTRUSION REPORT | Υ | (N) | |

| CUT SAMPLE PIECE OF | MATERIAL A | ND PREFOR | M A HARDNE | SS CHECK. | |
|------------------------------|------------|--------------------|------------|-----------|---------|
| R | ECORD RES | SULTS BELOV | W | | |
| | HRC | HRB | DUR A | DUR D | WEBSTER |
| TYPE OF MATERIAL | | | | | |
| SIZE OF TEST SAMPLE | | | | | |
| HARDNESS / DUROMETER READING | | | | | |

testers located in the Quality Office

| QC 18 INSPECTION | | ENGINEERING SIGNOFF (if required) |
|------------------|-----------------|-----------------------------------|
| INSPECTED BY: | 1 | SIGNED OFF BY: |
| DATE: | JANAR 80 202918 | DATE: |

Attach this inspection sheet with the corresponding material cert and remit to be scanned and received in

SPECIFICATION CONTROL DRAWING

w

PURCHASE MATERIAL: 17-4 PH / TYPE 630 / S17400 SS BAR GRAIN MUST BE ALONG LENOTH OF BAR MINIMMUM VIELD STRENGTH PER TABLE MINIMUM ULTIMATE STRENGTH PER TABLE PART NUMBER: SPECIFICATION:

0

B

M17-4- HHHHHH-B T.TTT X WW.WWW WHERE-FIHHHH SPECIFIES THE MATERIAL CONDITION (PER TABLE BELOW)
T.TTT SPECIFIES THE THICKNESS
WW.WWW SPECIFIES THE WIDTH AMS 5604 OR AMS 5643 OR ASTM A693 ON ASTM 564

B

B

MATERIAL CONDITION TABLE:

| 105 | CONDITION A |
|---------------------------------------|---------------------------------|
| 115 | H1100 |
| 125 | H1075 |
| 145 | H1025 |
| 155 | H925 |
| 170 | H900 |
| 100 | (CONDITION A NOT ACCEPTABLE) |
| MIN YIELD TENSILE STRENGTH (KSI | CONDITION |

0

NOTES: MATERIAL IN H900 AND H925 CONDITION NOT RECOMMENDED FOR TENSION OR SHEAR APPLICATIONS IN COLD WEATHER CONDITIONS

MATERIAL IN H900 AND H925 CONDITION NOT RECOMMENDED FOR APPLICATIONS WHERE STRESS CORROSION CRACKING IS POSSIBLE CONDITION A NOT TO BE USED IN DESIGN FOR FINAL PRODUCT AND SHOULD ALWAYS BE HEAT TREATED

PART 0.00° BAR MIN UTS = 150 KSI, MIN YTS = 100 KSI 1.00° X 2.500° BAR H900 CONDITION 0.500° X 3.250° BAR H1025 CONDITION 0.750° X 2.500° BAR A CONDITION 0.750° X 2.500° BAR A CONDITION PART NUMBER M17-4-B0.250X4.000 M17-4-H000-B1.000X2.500 M17-4-H1025-B0.500X3.250 M17-4-CONDA-B0.750X2.500

B

EXAMPLES:

ECN17-728 J 1 2017 -10-DELEAS <u>ن</u> ب 8

co

APPROVED CHECKED MFG. APPR. DATE DE APPR. APPROVED DRAWN DESIGN REV. NEW ISSUE ADD MATERIAL CONDITION AND REFORMAT DRAWING (CIR17-107) 17.09.14 CPU MM 8 8 8 00 17-4 SS BAR DESCRIPTION DRAWING NO.

M17-4-B COPYRIGHT © 2002 BY DART AEROSPACE LTD
THE OCCURENT SHEWATE AND CONTINUE AND SURVED ON THE FOWERS CONTINUED TO ANY OTHER PERSONS ON THE PROPERTY AND TO BE STREET, AND TO BE S DART AEROSPACE LTD O BA DS SHEET 1 OF 02.04.18 17,09.14 DATE REV. B SCALE NTS

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